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**Lee et al.**

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(54) **SWIVEL BED FOR A SURGICAL ROBOTICS SYSTEM**

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(58) **Field of Classification Search**

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(57) **ABSTRACT**

A surgical robotics system with robotic arms is configurable to perform a variety of surgical procedures. The system includes a table, column, base, and robotic arms that are either column-mounted, rail-mounted, or mounted on a separate unit. In a column-mounted configuration, the column includes column rings that translate vertically and rotate about the column. The robotic arms are attached to the column rings. In a rail-mounted configuration, the base includes base rails that translate along the base. The robotic arms are attached to the base rails. In both, the robotic arms move independently from each other and include multiple arm segments. Each arm segment provides an additional degree of freedom to the robotic arm. Thus, the system may position the robotic arms into numerous configurations to access different parts of a patient's body. The surgical bed

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